PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.	45912
First Inventor	Hon-rok Woo
Title	Printing System Supporting Customer Emulation and Method Thereof

(Only for new nonprovisional applications under 37 CFR 1.53(b))			Express	Mail Label No.				2		
See MPEP o	APPLICATION ELEMENTS EP chapter 600 concerning utility patent application contents.				ADDR	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450				n cc
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 13] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure			(if e a. b.	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s))						
 5. Oath or Declaration [Total Sheets 2] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) 			11 12 13 14. \overline{\varphi}	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations Preliminary Amendment 14. Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:						
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76									16.	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:										
Continuation Divisional Continuation-in-part (CIP) of prior application No.:										
Custom	ner Number:	٠	001	1609		OR [Corresp	ondence	e add	Iress below
Name	Roylance, Abrar	ns, Be	rdo & Goodn	nan, L.L.P.						
Address 1300 19th Street, N.W. Suite 600										
City	Washington State D.C. Zip Code 20036				20036					
Country				Telephone	elephone (202) 659-9076		Fax (202) 659-9344			
Name (Print/Ty	pe) Stacey J.	Long	anecker	, <u>'</u>	Registra	ation No. (Attorne	y/Agent)	33,952		
Signature		A	ace	Im	anech	J		Date	Dec	ember 10, 2003

This collection of information is required by 37 CFR 153(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application, Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1.27		Complete if Known			
		Application Number			
		Filing Date			
		First Named Inventor	Hon-rok Woo		
		Examiner Name			
		Art Unit			
TOTAL AMOUNT OF PAYMENT	(\$) 810.00	Attorney Docket No.	45912		

	Anomicy Booker No. 19972					
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None 3. ADDITIONAL FEES						
Deposit Account:	Large Entity Small Entity					
Denosit	Fee Fee Fee Fee Description Code (\$) Code (\$) Fee	Paid				
Account Number 18-2220	1051 130 2051 65 Surcharge - late filing fee or oath	T alu				
Deposit Devlance Abrama et al	1052 50 2052 25 Surcharge - late provisional filing fee or					
Name Roylance, Abrams et al.	cover sheet 1053 130 1053 130 Non-English specification					
The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification 1812 2.520 1812 2.520 For filing a request for <i>ex parte</i> reexamination					
Charge fee(s) indicated below Credit any overpayments	1804 920* 1804 920* Requesting publication of SIR prior to					
✓ Charge any additional fee(s) or any underpayment of fee(s)	Examiner action					
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after					
to the above-identified deposit account.	Examiner action 1251 110 2251 55 Extension for reply within first month					
FEE CALCULATION_						
1. BASIC FILING FEE	1.202 1.20 2.20					
Large Entity Small Entity Fee Fee Fee Fee Pee Paid	1253 950 2253 475 Extension for reply within third month	\neg				
Code (\$) Code (\$)	1254 1,480 2254 740 Extension for reply within fourth month					
1001 770 2001 385 Utility filing fee 770	1255 2,010 2255 1,005 Extension for reply within fifth month					
1002 340 2002 170 Design filing fee	1401 330 2401 165 Notice of Appeal	\longrightarrow				
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal					
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing					
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding					
SUBTOTAL (1) (\$) 770.00	1452 110 2452 55 Petition to revive - unavoidable					
	1453 1,330 2453 665 Petition to revive - unintentional					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,550 2501 665 Offitty Issue fee (of feissue)					
Extra Claims below Fee Paid	1502 480 2502 240 Design issue fee					
Total Claims 12 -20** = 0 X 18 = 0	1503 640 2503 320 Plant issue fee					
Claims 2 - 3 = 0 1 1 00 1 1 0 1 1 0 1 1 0 1 1 1 1 1	1460 130 1460 130 Petitions to the Commissioner					
Multiple Dependent =	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)					
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806 180 1806 180 Submission of Information Disclosure Stmt					
Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties) 40	0.00				
1202 18 2202 9 Claims in excess of 20	1809 770 2809 385 Filing a submission after final rejection					
1201 86 2201 43 Independent claims in excess of 3	(37 ČFR 1.129(a))					
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))					
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770 2801 385 Request for Continued Examination (RCE)					
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application					
SUBTOTAL (2) (\$) 0	Other fee (specify)	1				
SUBTOTAL (2) (\$) ⁽¹ **or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00					

SUBMITTED BY				(Complete (if applicable))
Name (Print/Type)	Stagey J. Longanecker	Registration No. (Attorney/Agent)	33,952	Telephone	(202) 659-9076
Signature	OSAM 1 DOMO	aneelle_		Date	December 10, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.